

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

10/070104

INTERNATIONAL APPLICATION NO.  
PCT/JP00/07076

INTERNATIONAL FILING DATE  
12 October 2000

PRIORITY DATE CLAIMED  
12 October 1999

TITLE OF INVENTION

COMPOSITE STRUCTURE AND METHOD AND APPARATUS FOR FORMING THE SAME

APPLICANT(S) FOR DO/EO/US  
Akedo et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

application data sheet and fee transmittal

21. ☐ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... **\$1040.00**

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... **\$890.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$740.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$710.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS PTO USE ONLY

**JG19 Rec'd PCT/PTO 19 FEB 2002**

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	57 - 20 =	37	x \$18.00
Independent claims	6 - 3 =	3	x \$84.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 1808.00</b>

\$

\$ 666.00

\$ 252.00

\$

\$ 1808.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

\$

**SUBTOTAL =**

\$ 1808.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE =**

\$ 1808.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 40.00

**TOTAL FEES ENCLOSED =**

\$ 40.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 40.00 to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-0744 in the amount of \$ 1808.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed. in the name of Carrier Blackman & Associates PC

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 50-0744. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CARRIER BLACKMAN & ASSOCIATES PC  
24101 NOVI ROAD #100  
NOVI MI 48375

SIGNATURE

Joseph P. Carrier

NAME

31,748

REGISTRATION NUMBER

**KNI-162-A****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Akedo et al.  
Serial Number: Unknown  
Filed: Concurrently herewith  
Group Art Unit: Unknown  
Examiner: Unknown  
Confirmation Number: Unknown  
Title: COMPOSITE STRUCTURE AND METHOD AND  
APPARATUS FOR FORMING THE SAME

**TRANSMITTAL OF ASSIGNMENT DOCUMENT**

Box Assignment  
Commissioner Of Patents And Trademarks  
Washington, D.C. 20231

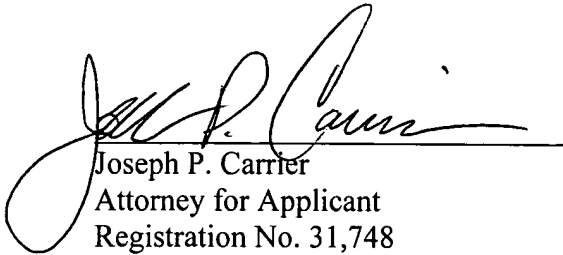
Sir:

In connection with the subject application, applicant encloses an Assignment document (4 pages) for recording in the U.S. Patent And Trademark Office and for return to applicant's undersigned agent.

Also enclosed is a check in the amount of \$40.00 for the Assignment recording fee. All correspondence should be sent to the address as noted below.

Respectfully submitted,

Customer Number 21828  
Carrier, Blackman & Associates, P.C.  
24101 Novi Road, Suite 100  
Novi, Michigan 48375  
19 February 2002

  
Joseph P. Carrier  
Attorney for Applicant  
Registration No. 31,748  
(248) 344-4422

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail Certificate ET986050964US in an envelope addressed to Commissioner For Patents, Box PCT, Washington, D.C. 20231 on 19 February 2002.

Dated: 19 February 2002  
JPC/km  
enclosures

  
Kathryn MacKenzie

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1. Name of Conveying Parties:

Jun Akedo, Tomokadsu Ito, Tatsuro Yokoyama,  
Katsuhiko Mori, Hironori Hatono, Masakatsu Kiyohara, Yuji Aso

2. Name and Address of SECOND Receiving Party:

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY  
3-1, Kasumigaseki 1-chome,  
Chiyoda-ku, Tokyo, Japan

Application No. Unknown, filed Concurrently Herewith  
Attorney Docket No. KNI-162-A